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## Resolution on Climate Change

**Whereas** there is a dominant scientific opinion, as established by the Intergovernmental Panel on Climate Change and confirmed by the National Academy of Sciences, that the build-up of greenhouse gases from human sources, including carbon dioxide and methane, in the atmosphere is causing global temperatures to increase and threaten the stability of our planet's climate; and

**Whereas** the impacts of global climate change are becoming more clearly understood and indicate that there will be significant disruptions in the natural hydrological cycle in the Great Lakes and other regions of the world, including extreme and more frequent wet weather events; increased flooding due to higher precipitation; severe and more frequent drought; and increased water temperatures that threaten the cold-water fishery; and

**Whereas** the occurrence of any of these hydrological changes will have significant impacts on water quality and supply, and will impact how water resources are managed by local water resources managers, including water and wastewater treatment providers; and

**Whereas** the Michigan Water Environment Association is dedicated to preserving and enhancing Michigan's water environment and has a responsibility to lead efforts to mitigate and reduce the impacts of global climate change among water quality professionals;

**Now, Therefore, Be It Resolved** that the Board of Directors of the Michigan Water Environment Association directs that:

MWEA Committees are charged with identifying and disseminating information about the scientific, technical and management approaches to treatment processes, plant design, and utility operations that can contribute to the reduction of greenhouse gas emissions.

MWEA collaborate with other scientific, technical, and water utility organizations, to identify and implement economically feasible practices to reduce greenhouse gas emissions from water and wastewater treatment facilities, and identify ways in which water resource managers can plan for the challenges of global climate change.

**Be it further resolved that** MWEA urges municipal wastewater treatment agencies and other member constituencies to become leaders in their communities on reducing non-renewable energy use and mitigating climate change.

**Adopted on this 15th Day of May 2007.**

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